



PEER-REVIEW REPORT

Name of journal: World Journal of Radiology

Manuscript NO: 38326

Title: Effect of varying CT acquisition and reconstruction parameters on semi-automated clot volume quantification

Reviewer's code: 02446706

Reviewer's country: Netherlands

Science editor: Li-Jun Cui

Date sent for review: 2018-02-10

Date reviewed: 2018-02-23

Review time: 12 Days

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> Accept
<input checked="" type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input checked="" type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Duplicate publication	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		BPG Search:	<input type="checkbox"/> Major revision
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

COMMENTS TO AUTHORS

The finding of this in vitro study is that varying CT pulmonary acquisition parameters and reconstructions had no significant effect on clot volume quantification by using a semiautmated region growing algorithm with the exception of pitch. A suggestion is made for validation of core lab analysis in multicenter clinical trials performed at different sites.